DECLARATION	FOR UTILITY	Attorney Docket No.	I69.12-0613		
PATENT APPLICATION (37 C.F.R. 1.63)		First Named Inventor	or Robert W. Lamberton et al.		
		COMPLETE IF KNOWN			
X Declaration Submitted with Initial Filing	Declaration	Application Number			
	Submitted after Initial Filing (Surcharge (37 C.F.R. 1.16(e)) Required)	Filing Date	Herewith		
		Group Art Unit			
	- '	Examiner Name			

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

NANOCLUSTERED MAGNETIC MATERIAL FOR HIGH MOMENT WRITE POLE APPLICATIONS

the specification of which:

X is attached hereto OR

was filed on as United States Application Number or PCT International Application Number and was amended on (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Certified Copy Attached? Yes No
		·	
I hereby claim the benefit	t under 35 U.S.C. 119(e) o	of any United States provisional app	plication(s) listed below.

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application or PCT Parent Number	Parent Filing Date	Parent Patent Number

(MM/DD/YYYY)	(if applicable)

### DIRECT ALL CORRESPONDENCE TO:

Customer Number	00164
Attention	David R. Fairbairn
Telephone	(612) 339-1863
Fax	(612) 339-6580

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Sole r First Invento	r:	
Given Na	ame (First and middle (if any))	Family Name or Surname
	Robert W.	Lamberton
Inventor's signature		Date:
Residence	Limavady, Co. Derry, N. Ireland	Citizenship: UK
Mailing Address	122 Bolea Road	
City, State, Country	Limavady, Co. Derry, N. Ireland BT49 0Q	U

Second Inventor:		
Given N	ame (First and middle (if any))	Family Name or Surname
	Declar/	Macken
Inventor's signature	NV/IA	Date: 10-7-03
Residence	Prior Lake, Minnesota	Citizenship: Ireland
Mailing Address	14572 Rosewood Road, N.E.	
City, State, Country	Prior Lake, Minnesota 55372, USA	

Third Inventor:		
Given Na	ame (First and middle (if any))	Family Name or Surname
	Paul M.	Dodd
Inventor's signature		Date:
Residence	Muff, Co Donegal, Republic of Ireland	Citizenship: Ireland
Mailing Address	43, Whitehill Park	
City, State, Country	Muff, Co Donegal, Republic of Ireland	

Fourth Inventor:		
Given N	ame (First and middle (if any))	Family Name or Surname
	William J.	O'Kane
Inventor's signature		Date:
Residence	Derry, N. Ireland	Citizenship: N. Ireland
Mailing Address	28 Ringsend Road	
City, State, Country	Derry, No. Ireland, BT49 0QJ	

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Third leve tor:					
Given N	iame (First and middle (if any))		Famil	Name or Surname	
Inventor	Paul M.			Dodd	
signature Residence	Paul Bold	Date:	764	October	2003
Mailing Address	Muff, Co Donegal, Republic of Ireland		Citize	hip: Ireland	
City, State, Country	43, Whitehill Park				
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Fourth In				
	Given N	ame (First and middle (if any))	Fami	Name or Surname
Inventors		William J.		O'Kane
signatur		Wifee	Date: &	20/03
Residence		Derry, N. ireland		ship: N. Ireland
Mailing Ad		28 Ringsend Road		ap. (C. Bellin)
City, State,	Country	Derry, No. Ireland, BT49 0QJ		
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Dated: Oct 14, 2007

# **POWER OF ATTORNEY**

SEAGATE

Attorney Docket No.

169.12-0613

First Named Inventor: Robert W. Lamberton

Title

: NANOCLUSTERED MAGNETIC MATERIAL FOR HIGH MOMENT WRITE POLE

**APPLICATIONS** 

In the patent application:

<u>X</u>	identified above	(and submitted	to the Patent and	Trademark	Office herewith).
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\_ filed on \_\_\_\_\_ as Application No. \_\_\_\_\_.

I appoint the attorneys and agents associated with <u>Customer Number 00164</u> to prosecute the patent application identified above and to transact all business in the Patent and Trademark Office connected therewith, including full power of association, substitution and revocation.

I ratify all prior actions taken by Kinney & Lange, P.A. or the attorneys and agents mentioned above in connection with the prosecution of the above-mentioned patent application.

I authorize Kinney & Lange, P.A. to mark the appropriate space above and to insert the filing date and application number of the application, as appropriate.

I aver that I am empowered by Seagate Technology LLC to act on behalf of the Assignee, Seagat Technology LLC, in connection with this document and the above application.

Please address all correspondence and telephone calls to <u>Customer Number 00164</u>, attention <u>David R. Fairbairn</u>, Telephone (612) 339-1863, Fax (612) 339-6580.

SEAGATE TECHNOLOGY LLC

Signature:

Paul T. Dietz, Reg. No. 38,898

Title:

Patent Attorney

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

	t Named entor	: Robert	W. Lamberton			
App	ln. No.	:				
File	d	: Herewit	h ·	Group Art Unit:		
Title	•	MATER	CLUSTERED MAGNETIC NALS FOR HIGH MOMENT WRI PPLICATIONS	Examiner:		
Doc	ket No.	: 169.12-0	613			
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Sir:						
	Seagat	e Technolog	VLLC, a Delaware corporation, is	an owner of the patent application		
identi		e by virtue o				
A.	[X]	assignment	An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel _, Frame _ , or a copy of which is attached.			
OR						
B.	[]	A chain of the current	itle from the inventor(s), of the pate assignce as shown below:	ent application identified above, to		
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		which is attached	, Fran	ne	, or a cop	y of
The undersign	ned (who	se title is supplic	ed below) is emp	owcred to	sign this statemen	t on
behalf of Seagate Tec					_	
Signature:	K	Kell	Date	. ^4	IV 2005	

Title:

Signature:

Patent Attorney

Paul T. Dietz, Reg. No. 38,858

#### **ASSIGNMENT**

Attorney Docket No.: I69.12-0613 Seagate Docket No.: STL 11531.00

WHEREAS, we Robert W. Lamberton of 122 Bolea Road, Limavady, Co. Derry, N. Ireland BT49 0QU, Declan Macken of 14572 Rosewood Road, N.E., Prior Lake, Minnesota 55372, USA, Paul M. Dodd of 43, Whitehill Park, Muff, Co Donegal, Republic of Ireland, and William J. O'Kane of 28 Ringsend Road, Derry, No. Ireland, BT49 0QJ are the inventor(s) of an invention entitled <a href="MANOCLUSTERED MAGNETIC MATERIAL FOR HIGH MOMENT WRITE POLE APPLICATIONS">MANOCLUSTERED MAGNETIC MATERIAL FOR HIGH MOMENT WRITE POLE APPLICATIONS</a> that is the subject matter of: (Check all that apply)

- a provisional application for Letters Patent which is identifiable in the United States Patent and Trademark Office by Application No. \_ filed on \_;
- X an application for Letters Patent which has been executed on even date herewith and/or is identifiable in the United States Patent and Trademark Office by Application No. filed on ;and
- an international application for Letters Patent filed pursuant to the Patent Cooperation Treaty which is identifiable in the United States Receiving Office by Application No., filed on; and

WHEREAS, Seagate Technology LLC, a limited liability company organized and existing under the laws of the State of Delaware and the United States of America, and having offices at 920 Disc Drive, Scotts Valley, California, 95066 USA, ("Assignee") is desirous of acquiring the entire right, title and interest in and to the invention, the applications, and any and all Letters Patent or similar foreign or domestic legal protection;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, we transfer to Assignee, its successors and assigns, our entire right, title and interest in and to the invention, the above-identified applications, all provisional applications from which any of the above-identified applications claim priority, corresponding domestic and foreign applications, any continuation, division, renewal, or substitute for the applications, all Letters Patent, any reissue, re-examination, or similar legal protection issuing related to the Letters Patent, and all rights and benefits under any applicable treaty or convention; and we authorize the Director of the United States Patent and Trademark Office or foreign equivalent to issue the Letters Patent or similar legal protection to the Assignee.

We authorize the Assignee, its successors and assigns, to insert in this instrument the filing date(s) and application numbers when ascertained. We further authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in any and all foreign countries and appoint Assignee the common representative in the above identified international application and any international application for the invention.

We represent to the Assignee, its successors and assigns, that we have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. We, our executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute and deliver to Assignee or its legal representatives such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries, including without limitation providing testimony in any related interference, litigation or proceeding.

	Robert W. Lamberton (Inventor)		
Subscribed and sworn to before me in the County of Notary Public, this day of	_, 200	, State of	, а
(SEAL)	Notary Pul	blic	

Deckan Macken (Inventor) Hennefin, State of Minnessta a, 2003.

Mary M. Jatrodo

Notary Public Subscribed and sworn to before me in the County of Notary Public, this Ahday of October

(SEAL)



Subscribed and sworn to before me in the County of Notary Public, this day of	Paul M. Dodd (Inventor)		
	_, 200	, State of	, 8
(SEAL)	Notary Public		

	William J. O	l. O'Kane (Inventor)		
Subscribed and sworn to before me in the County of Notary Public, this day of	_, 200	, State of	, <i>a</i>	
Nota (SEAL)	ary Public			

### ASSIGNMENT

Attorney Docket No.: 169.12-0813 Seagate Docket No.: STL 11531.00

WHEREAS, we Robert W. Lamberton of 122 Bolea Road, Limavady, Co. Derry, N. Ireland 8T49 0QU, Declan Michael of 14572 Rosewood Road, N.E., Prior Lake, Minnesota 55372, USA, Pairl M. Dodd of 43, Whitehill Park, Minnesot are the inventor(s) of an invention entitled NANOCLUSTERED MAGNETIC MATERIAL FOR HIGH MOMENT WRITE POLE APPLICATIONS that is the subject matter of: (Check all that apply)

approvisional application for Letters Patent which is identifiable in the United States Patent and Trademark Office by Application No. \_ filed on \_;

X an application for Letters Patent which has been executed on even date herewith and/or is identifiable in the United States Patent and Trademark Office by Application No. filed on ;and an international application for Letters Patent filed pursuant to the Patent Cooperation Treaty which is identifiable in the United States Receiving Office by Application No., filed on and

WHEREAS, Seagate Technology LLC, a limited liability company organized and existing under the laws of the State of Delawiere and the United States of America, and having offices et 900 Disc Drive, Scotts Valley, California, 95068 USA, ("Assignee") is desirous of acquiring the entire right, tille and interest in and to the invention, the applications, and any and all Letters Patent or similar foreign or domestic logal protection;

NOW, THEREFORE, for good and valuable consideration, the receipt and allequacy of which is hereby ackhouliedged, we transfer to Assignee, its successors and assigns, our entire right title and interest in and to the invention, the above identified applications, all provisional applications from which any of the above identified applications claim priority, corresponding domestic and foreign applications, any continuation, division, renewal, or substitute for the applications, all Letters Patent, any reissue, re-examination, or similar legal protection issuing related to the Letters Patent, and all rights and benefits under any applicable theaty or convention; and we authorize the Director of the United States Patent and Trademark Office or foreign equivalent to issue the Letters Patent or similar legal protection to the Assignee.

We quit prize the Assignee, its successors and assigns, to Insert in this instrument the filling date(s) and application numbers when accertained. We further authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own rame if desired, in any and all foreign countries and appoint Assignee the common representative in the above identified international application and any international application for the invention.

We nurresent to the Assignee, its successors and assigns, that we have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. We, our executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute and delitter to Assignee or its legal representatives such additional writings and do such additional acts as the Assigned, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries, including without limitation providing testimony in any related

Robert W. Lamberton (Inventor) Subscilled and swom to before me in the County of Deater , State of N. Trans 2003 Notery Public

Notary Public, this 7th day of October

SEAGATE - SPRINGTOWN R & D +028/12/4440 8טי/8ט: ען יכ:טר 2טי טרי,8ט William J. O'Kane (Inventor) Subscribed and swom to before me in the County of Nitraty Public, this 08 day of OCTO 202 Notary Public State of : (SEA